

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE May 14, 1979

Operator El Paso Natural Gas Company		Lease Pierce #3A	
Location SE 07-30-09		County San Juan	State New Mexico
Formation Mesa Verde		Pool Blanco	
Casing: Diameter 4.500	Set At: Feet 5450	Tubing: Diameter 2 3/8	Set At: Feet 5400
Pay Zone: From 4809	To 5280	Total Depth: 5450	Shut In 5-5-79
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 557	+ 12 = PSIA 569	Days Shut-In 9	Shut-In Pressure, Tubing PSIG 557	+ 12 = PSIA 569	
Flowing Pressure: P PSIG	+ 12 = PSIA	Working Pressure: P _w PSIG	+ 12 = PSIA		
Temperature: T = °F Ft =	n =	Fpv (From Tables)	Gravity Fg =		

$$\text{CHOKE VOLUME} = Q = C \times P_f \times F_f \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{\quad}{\quad} \right)^n =$$

Aof = _____ MCF/D

TESTED BY R. Headrick

WITNESSED BY _____



C.R. Wagner
Well Test Engineer